



BADGER STATE Smoke Signals



Serving Amateur Radio In Wisconsin

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- Baraboo Wis.

- March 1984

HAM RADIO SCHOLARSHIP HONORS SEN. GOLDWATER

WASHINGTON (Nov. 9) -- Sen. Barry Goldwater (R-Ariz.) today transmitted news to his fellow Ham Radio operators around the world that the American Radio Relay League has established an annual \$5,000 scholarship award in his honor.

The League will award the scholarship to a licensed Radio Amateur enrolled in college-level study of electronics, communications engineering or a related field. The program will be administered by the ARRL Foundation, Inc., the League's tax-exempt research and educational organization.

Goldwater, known to thousands of Radio Amateurs as "K7UGA," his call sign, made the announcement from his "Ham Shack" on Capitol Hill. Within seconds after the ceremonial transmission, Goldwater began receiving congratulatory messages from Ham operators throughout the U.S. and several foreign countries.

The American Radio Relay League, headquartered in Newington, Conn., near Hartford, boasts 130,000 members, most of them licensed Amateurs in the United States but representing virtually every country in the world. The League provides technical and operational information, publishes instructional material, organizes emergency communications networks and promotes international goodwill among adherents of this public service hobby.

League President Victor C. Clark (SK) explained Goldwater was selected as Honoree for the organization's new scholarship because his "selflessness and dedication to purpose as a government servant is widely recognized and deeply appreciated by both his fellow citizens and the Radio Amateurs of our country."

"Through his Amateur Radio involvement, Sen. Goldwater has brought joy to thousands of members of our armed services," Clark said, recalling that the Arizona senator opened his radio facilities for around-the-clock operations during the Vietnam War to provide a communications link between U.S. military personnel in Southeast Asia and their families.

Goldwater, whose interest in Amateur Radio dates back to his teenage years, said the value of Ham operators has been demonstrated repeatedly in times of local or national emergency.

The recent Grenada mission is a case in point. Practically no normal communications were available to the public. Ham Radio operators quickly opened links with the Caribbean island, particularly handling messages relating to the safety of several hundred American students at St. George's College. It was through these Amateur channels that the press and public received most of their information during the early days of the mission.

For a brief while, Americans were once again reminded about the important role played by Radio Amateurs. More often, though, the crucial contribution made by Ham Radio operators has become "so commonplace that it often goes unnoticed and uncredited," Goldwater said.

Information about the scholarship program can be obtained from the ARRL Foundation, 225 Main St., Newington, Conn. 06111.

(Tnx WA9POV and ARRL)

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SWAPFESTS AND OTHER SOCIAL EVENTS

The Wisconsin QSO Party will be held from 1800Z March 11 to 0100Z March 12. CW and Phone. Stations may be worked once per mode on each band. Mobiles may be worked again when changing counties. No repeater QSOs. Full information was with last issue. For information send s.a.s.e. to: Wisconsin QSO Party, XWest Allis Radio Amateur Club, P.O. Box 1072, Milwaukee, WI 53201. Send entries to the above address. Good Luck!

The Morgan County Amateur Radio Club will hold their Martinsville Indiana Hamfest on Sunday, March 11, 1984. Morgan County ARC., 240 E. Green St., Martinsville, IN 46151.

The Tri-County Amateur Radio Club will hold their annual Hamfest on Sunday, March 18, 1984, at the Fairgrounds in Jefferson, Wisconsin. The 84 Hamfest is to have some changes:

- (1) Name changed from "Swapfest" to "Hamfest".
- (2) 1 1/2 hour happy time about 1:30 in the afternoon day of the Hamfest.
- (3) Added free parking.
- (4) Tables to be \$3.00 advance, \$4.00 at door and \$2.00 for space.

Note: Admission is still old price of \$2.50 advance and \$3.00 at door, same as last year. Advance registrations will be handled by Robert Barker, 724 Burdick St., Milton, Wisconsin 53563.

The Oshkosh Amateur Radio Club will hold their 4th Annual Auction on Sunday, March 25, 1984 at The Winro Hall, Oshkosh, WI. Hours from 11 A.M. to 4 P.M. with

setup starting at 9 A.M. Professional Auctioneer, drinks and food available. Talk in 147.945/345. Tickets \$3.00 at the door or \$2.00 in advance. For tickets send \$2.00 per ticket and SASE to Tickets, K9WWH, 1646 Michigan, Oshkosh, WI 54901

The Libertyville and Mundelein ARS will sponsor the Lamarfest 1984 on Sunday March 25, 1984 at the Lake County Fairgrounds, Grayslake, Illinois. Donations \$2.00 in advance -- \$3.00 at the door. LAMARS, Box 751, Libertyville, IL 60048. SASE please.

The Madison Area Repeater Association will hold their 12th annual Madison Swapfest on Sunday April 8, 1984 at the Dane County Expo Center, Forum Building in Madison, Wisconsin. Doors open at 9:00 A.M. Sellers and exhibitors admitted at 8:00 A.M. All you can eat pancake breakfast and a beef bar-b-que luncheon. Admission \$2.50 advance -- \$3.00 at the door. Tables \$4.00 advance -- \$5.00 at the door. We urge you to carpool as the county charges a parking fee! For information on Exhibitor Booths or for reservations contact MARR, Box 3403, Madison, WI 53704.

THE DAYTON HAMVENTION: April 27 to 29. This annual event is the world's largest Amateur Radio Convention. For information write Dayton Hamvention, P.O. Box 44, Dayton, Ohio 45401.

The Ozaukee Radio Club presents its sixth annual Swapfest Saturday, May 5, 1984 at Circle B Recreation Center -- intersection of hwy 60 and county 1, Cedarburg, Wisconsin. Advance registration \$2.00 (\$3.00 at the door). Tables: 8 foot \$3.00, 6 foot \$2.00 (limited availability). Table reservations must have admission ticket. Ozaukee Radio Club, PO Box 13, Port Washington, Wisconsin 53074.

The MANCORAD Spring Banquet is being held at Machut's Super Club in Two Rivers on Saturday night, May 19, 1984.

The Central Wisconsin Radio Amateurs will hold their Swapfest/Picnic on Sunday, June 3, 1984 at Bukholt Park in Stevens Point, WI.

The Starved Rock Radio Club will hold their annual Hamfest on Sunday June 3, 1984 at the Bureau County Fairgrounds in Princeton, Illinois. Registration: \$2.50 before May 20 or \$3.00 at the gate. Starved Rock Radio Club, R.F.D. No. 1, Oglesby, Illinois 61348

The Six Meter Club of Chicago, Inc. will hold their 27th Annual Hamfest on Sunday, June 10, 1984 at Santa Fe Park, 91st and Wolf Rd., Willow Springs, Illinois -- southwest of Chicago. Advance registration \$2.00 or \$3.00 at the door. Val Hellwig, K9ZVW, 3420 South 60th Court., Cicero, Illinois 60650.

"HAM RADIO," Europe's largest Amateur radio convention, will be held in Friedrechshafen, West Germany, from June 22nd to the 24th. This show is quickly becoming known as the continent's "answer" to Dayton, with exhibitors from around the world attending. For further information contact the German Amateur Radio Association - D.A.R.C., P.O. 3507, Baunatal, West Germany. (tnx Westlink Report)

The South Milwaukee ARC Swapfest will be Saturday, July 7, 1984.

The Lake Shore Swapfest and Public Brat Fry will be Saturday, July 14 at Sheboygan, Wisconsin.

Hamfesters Radio Club will hold their 50th annual Hamfest on Sunday, August 12, 1984 at Santa Fe Park, 91st and Wolf Rd., Willow Springs -- Near Chicago. Advance reservations \$3.00 or \$4.00 at the door. Hamfesters Radio Club, Inc., P.O. Box No. 42792, Chicago, Illinois 60642.

The Illinois State A.R.R.L. Convention will be held on Sunday, August 26, 1984 at the Kane County Fairgrounds Exhibition Hall in St. Charles, Illinois. Admission: \$2.00 advance or \$3.00 at the gate. SASE to Jerry Friedes, W9ZGP, 1501 Molitor Road, Aurora, IL 60505. Commercial and Flea Market: George R. Isely, WD9BIB, 736 Fellows St., St. Charles, IL 60174.

Radio Expo 84 will be held September 22nd and 23rd at the Lake County Fairgrounds, (halfway between Milwaukee and Chicago) Rts. 45 and 120, Grayslake, IL. \$4.00 for both days, \$3.00 in advance. Radio Expo, Box 1532, Evanston, Illinois.

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to K9EN. In addition, space is available at attractive rates on our advertising pages and/or we can include your flyers. For information on rates and requirements please contact K9ZZ or K9EN.

CLUB MEETINGS:

Milwaukee Radio Amateurs Club:

All regular meetings of MRAC are scheduled for 1984 at Wauwatosa Savings and Loan Building, 7500 West State Street, will be held on the second Thursday of the month. Mar. 8, Apr. 12, May 10, Jun. 14, Sep. 13, Oct. 11 and Nov. 8.

West Allis Radio Amateurs Club

Regular meetings are held on the second Tuesday of each month at St. Francis Savings, 9330 W. Greenfield Ave., at 8:00 P.M.

The Wisconsin Valley Radio Association (Wausau)

holds regular monthly meetings on the first Tuesday of the month at 7:30 p.m. The location varies, but information is available on the 146.04/64 repeater in Wausau.

Yellow Thunder Amateur Radio Club: (Baraboo, WI)

All regular meetings of VTARC are held in room 34 of the Baraboo Civic Center. Mar. 14, Apr. 12, May 14, Jun. 12, Jul. 11, Aug. 16, Sep. 17, Oct. 16, Nov. 14, Dec. 13.

Let us know of your club meeting dates and we will let others know of your meetings and activities. There may be Amateurs in your area interested in joining your club or members of other clubs interested in making an interclub visit.

GEARVAKf PURCHASES LAND FOR MEMORY DUMP from GEARVAKf Bulletin

The GEARVAKf Committee on Real Property operations has just announced the purchase of 350 acres of fallow land in Fondu County, West Virginia, to be used as a memory

dump for GEARVAKf's new Thuringula 1000 computer. Purchase of the land was approved by the GEARVAKf Trusteeship Council on November 11, 1983, by a vote of 19 to 12 with 35 abstentions. The GEARVAKf Computer Center plans to make use of the new facility as soon as they can load sufficient "garbage" data into the Thuringula 1000. The new dump is expected to serve the Computer Center for the next 20 or 30 years before getting filled up. By that time, GEARVAKf should be able to store used data in more modern subminiature memory dumps created from worn out satellites orbiting in space.

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Oh what the heck -- a few items of interest:

Four Lakes Amateur Radio Club THE FEEDLINE

This year's FLARC HAM OF THE YEAR is someone who probably qualifies for this award every year.

No one else in modern FLARC history has put more time into helping FLARC go than our own FRANK HOLLIDAY, WB9NOV.

It was with great pleasure that the Board selected Frank for this honor. Whether it's Field Day, Contests, The FEEDLINE, or various committees, give Frank a job and it is done in a superb manner. Congratulations Frank, FLARC HAM OF THE YEAR.

(Congratulations from the BSSS staff, Frank, for a well-deserved honor.)

FLARC election results: President, Jim Patterson, KC9BO; Vice President, Fred Haring, KF9U; Secretary, Jim Fitzpatrick, WB9HRD; Treasurer, Stephanie Fassnacht, KA9HCJ; Board of Directors: John Offerdahl, KC9XH; George Wilson, KA9OTQ; and Art Albright, KC9XF.

Results of the FLARC contest: Extra Class, K9BIL, Dennis Ruskin; Advanced Class, WB9NOV, Frank Holliday; General Class, KA9AKZ, Chris Ptak; VHF/UHF, KC9JP, Don Bucholtz; Novice-Multi, KA9PKK, Marshall Simpson (operators: KA9OTQ, George Wilson; KA9HCJ, Stephanie Fassnacht.)

Milwaukee Radio Amateurs Club HAMATEUR CHATTER

At the January 12th meeting, the membership present, voted unanimously to elevate Charlie Kaetel, W9SNK to our highest grade of membership, and at the January 25th meeting of the Board of Directors he became an HONORARY MEMBER.

Tri-County Amateur Radio Club

Hamfest, Sunday, March 18, 1984. See Swapfest column.

Central Wisconsin Repeater Association (Baraboo/Madison)

John La Blonde, W9FZC, Gari Berloitt, K9PBV and Ken Ebnetter, K9EN were elected to the Board of Directors at the Annual Meeting of the members of the CWRA held recently in De Forrest.

Following the Annual Meeting, the Board re-elected the following officers:

John Schroeder, K9YXW, President
Bernie Heinemann, WA9YDW, Vice-President
Tom Luck, WB9BPS, Secretary/Treasurer

The president also re-appointed all committee chairman to their present posts.

WESTHEIMER'S RULE: To estimate the time it will take to do a task, estimate the time you think it should take, multiply by 2, and change the unit of measure to the next highest unit. Thus we allocate 2 days for a one-hour task. --K9JMP

Madison Area Repeater Association

SWAPFEST April 8, 1984. See Swapfest column.

Oshkosh Amateur Radio Club, Inc.

New officers for 1984 are: President, John Kaiser, KD9BC; Vice-President, Wayne Daniels, N9AKG; Secretary, Greg Lurvey, N9CRD; Treasurer, James Eckstrom, WB9VKD.

W/K Amateur Radio Club

W/K ARC Newsletter

K9GDF NEW SM? Maybe not yet, but members of W/K ARC recently nominated Rich for the soon to be vacant position of Section Manager left by the retiring Roy Pedersen. Good Luck to Rich in his pursuit.

W/K ARC OPERATOR of 1983: K9GDF is in the news again. His dedication to operating has won him the coveted OPERATOR of the YEAR award. His prize, an ARRL Flag, will be donated to the club in his name and will fly above our Field Day site for years to come.

It goes without saying that Rich (K9GDF) is foremost when it comes to putting traffic on the Wis. Nets. During the recent holidays he generated so much traffic that he had to use out of state nets to get all of it passed. Now with things back to normal perhaps Barb (N9DIJ) will be able to get in front of the rig and pickup that last elusive state (WYOMING) for WAS.

MANCORAD Radio Clubs (Manitowoc)

The MANCORAD Spring Banquet is being held at Machut's Supper Club in Two Rivers on Saturday night, May 19, 1984.

Wisconsin Valley Radio Association (Wausau)

If you're travelling through the Wausau area or planing to take up residence in or near Wausau, get to know the Wisconsin Valley Radio Association (WVRA)! This 65-member organization serves Amateurs in the Wausau and Central Wisconsin Area. We maintain a repeater on 146.04/64 that's open to all Amateurs, and autopatch service is available. Also a club station, W9SM, is located in the Marathon County Courthouse and provides multi-bank operation in case of emergency. Our officers are:

| | |
|--------|--------------------------------------|
| K9MIX | Brent Schaefer, President |
| N9ATP | Skip Morgan, Vice-President |
| WD9IID | "Mac" McCandless, Secretary |
| W9KQN | John Burby, Treasurer |
| W9NA | Reno Goetsch, Trustee |
| K9BX | Dick Roberts, Member-At-Large |
| WB9JGA | Bob Starr, Repeater Committee Chan. |
| N9CPC | Ken Van De Zande, Public Info. Asst. |

1934 was the year the WVRA in Wausau was incorporated. Watch Badger State Smoke Signals for information on the Golden Anniversary Celebration in Wausau coming up in October! 73--N9CPC (Ken)

Our thanks to the above mentioned clubs and their Bulletins for the information presented. Badger State Smoke Signals will be pleased to exchange bulletins and information with your club. Please contact K9ZZ or K9EN.

From THE DX BULLETIN

One of our readers works with an Indian, who had this to say about those VU7 spots:

"Andaman, Nicobar, and Laccadive Islands are part of India; Laccadive is derived from the word 'Laksh Dweep.' Laksha means 100,000 in Indian, and Dweepa means Island, therefore 'Laccadive'; means 'Land of 100,000 Islands.' The Laccadive Islands are known for their natural habitat (for wildlife) and for the long, natural beaches. The Andaman and Nicobar Islands are peaceful and have a rich history; large numbers of their residents joined the Indian national army to fight the British for independence. Cost of living on all these islands is very low, making them perfect vacation spots."

Listen to TRN for info on the law

Like it or not, you may find that hostile new laws will determine the extent to which you can configure and enjoy your Amateur Radio Station. For example, local government may place severe restrictions on your antennas or operations. Furthermore, malicious interference and obscenity may deprive you of the pleasure of operating your station. These are just some of the issues that relate to your future enjoyment of Amateur Radio that will be discussed by legal experts on the 8 March 1984 North American Teleconference Radio Net (TRN), presented by the Honeywell ARCs.

The featured speakers will be attorneys: Chris Imlay, N3AKD, ARRL Counsel; Jim O'Connell, W9WU; Joe Merdler, N6AHU; and Bob Benson, D.C., VE2VW. These Amateurs represent the finest legal talent involved with Amateur Radio issues. And TRN will bring this concentrated legal expertise and information together for Amateurs across North America through the 180 "gateway" stations, mostly VHF repeaters, all linked together for the net. The vast majority of Radio Amateurs are within range of one of these gateway stations, whether at their home stations or via their mobile or hand-held radios.

Many Amateurs will have the opportunity to direct questions to the speakers on the TRN. Thus, there will be the opportunity for Amateurs to explore with legal experts such questions as cable TV leakage, prosecution for "pirate" TV antennas, the 10-meter amplifier ban, FCC backing of Amateur frequency coordinators, requirements for "simpatches", etc., in addition to the issues described above.

So, to hear Amateur Radio's finest legal talent discuss the legal issues that will shape and define the nature and scope of Amateur Radio to come, tune into TRN at 7:30 p.m. CST on Thursday, 8 March (that's 0130Z next

day). Note that local nets may begin earlier. For a list of stations providing a gateway into TRN check the Compuserve "Hamnet" X10 Database or write the net manager WOTN at 4749 Diane Dr., Minnetonka, MN 55343. (SASE please.)

Also, mark your calendar for Thursday, 14 June 1984, 7:30 p.m. CDT (0030Z) when TRN, in cooperation with CRRL, will present international antenna expert Dr. John Belrose, VE2CV

When AMSAT/OSCAR-10 is available for uplinking during the net, the TRN is also expected to be available hemisphere-wide on downlink frequency 145.957 MHz.

Scanner radio owners may also enjoy tuning into TRN to learn about the topic and the fascinating world of Amateur Radio.

tnx above to WORLDRADIO

Wisconsin repeaters on the TRN include the following: 145.13 in Milwaukee, 146.76 in Madison and 146.82 in Wausau. Listen in your area for these or others participating in the North American Teleconference Radio Net.

FROM WESTLINK REPORT

DE VRY TECHNICAL INSTITUTE of Chicago, Illinois, has requested the FCC to appoint them as the 9th Call District Volunteer Examination Coordinator. In its letter to the Commission, De Vry proposes a twin-tiered approach for their involvement.

In the first step, upon its acceptance as a VEC by the FCC, De Vry would set up an Amateur examination program on its Chicago Campus. Initially, De Vry would offer ham testing on a regularly scheduled basis several times each week. The proctors would be either licensed Amateurs from the De Vry faculty or volunteers from the local Chicago Amateur community who had been accredited by De Vry.

If the Institute's application is accepted, examination procedures will be carried out in accordance with FCC rules, and all tests will be prepared, printed and scored at the De Vry facility to insure complete integrity of the testing program. Grading will be done by the proctors and verified by the company's grading facility before being forwarded to the FCC on a weekly basis.

Once this program is in place, De Vry will make contact with appropriate and responsible groups in Indiana, Wisconsin, and Southern Illinois proposing that they assume responsibility for administering Amateur examinations in their local areas. Then, after demonstrating their competence and integrity, De Vry will delegate to them the task of administering those exams under the direction and coordination of the De Vry school and providing them with all necessary materials.

Tests thus given will be graded by their proctors, but will also be returned to the Chicago offices for verification. Results from these field examinations will be recorded and forwarded to the FCC in the same manner as De Vry campus administered tests. The De Vry proposal is based on good business logic and is designed to keep administration costs to an absolute minimum while insuring the maximum integrity of the overall VEC

program. If the plan is successful, it could conceivably be expanded to other De Vry campuses across the country.

tnx W9JUV

AN EX - LOS ANGELES HAM has been ordered to spend the next 18 months behind prison bars. On Monday, January 15th, US District Court Judge Manual Real sentenced Richard Burton, the former WB6JAC, on 4 misdemeanor counts of operating a transmitter without a license.

Under Judge Real's order, Burton will spend a year in Federal Prison, followed by 6 months in what is described as a "jail type of facility." After his release from custody, Burton will be placed on 5 years of probation, during which he "shall not be found in any place in which any kind of broadcast is made by radio or otherwise."

CB ACTIVITIES AFFECT HAM LICENSE! The license of Paul O. Overlock, N6BHC, has been revoked by an FCC Administrative Law Judge for violation of the Citizens Band Rules. ALJ Joseph Stirmer took the action to deny Overlock's application for a General Class operator's license and to suspend his Technician Class License after he found out that Overlock had willfully violated the CB rules in 1979.

The Law Judge found, specifically, that he had operated on an unauthorized frequency, used non-type accepted equipment, communicated over a distance greater than 250 km and had failed to properly identify his station.

Judge Stirmer noted that since the incident, Overlock had displayed good conduct in operating his Amateur station, and recommended that Overlock be permitted to file a new license application in 90 days.

SMITH SEEKS ELECTION: Carl Smith, W0BWJ, who became ARRL President after the untimely death of Victor C. Clark, W4KFC, will seek election to that office for a complete 2 year term.

Smith, a retired Western Airlines captain, has served in various positions with the League for a number of years and was its First Vice President when Vic passed away last November 25th.

Carl was succeeded in the slot of First Vice President by Larry Price, W4RA, but this still leaves a vice president's position open; a number of directors are vying for the position.

Elections will be held when the entire Board of Directors meets in Newington, Connecticut, the end of March.

FCC ABANDONS TESTING, REGULATION, MONITORING from GEARVAK Bulletin

In a special press announcement issued on Wednesday, the FCC has announced that it will abandon all testing, regulation, monitoring, rulemaking and all its other duties effective January 1, 1984. FCC spokesman, Ralph R. Spiffie, stated that "the FCC is just too busy nowadays to carry out its regularly assigned duties. We don't have the people, the money, or the desire to go on." The Commission plans to close its doors on the effective date and on January 2, all Commission personnel will be sent on fishing trips in the Gulf of Mexico.

WISCONSIN NETS ASSOCIATION LTD.**WISCONSIN NETS**

| NET | WNA | FREQ | UTC | LOCAL CST | MANAGER |
|--------|-----|---------|-----------|-----------|---------|
| BWN | YES | 3984 | 1200Z | 0600 | WD9IID |
| BEN | YES | 3985 | 1800Z | 1200 | WB9ESM |
| WSBN | YES | 3985 | 2330Z | 1730 | K9ANV |
| WNN | YES | 3723 | 0000Z | 1800 | KA9OBP |
| WSSN | YES | 3645 | 0030Z | 1830 | KC9CJ |
| WIN-E | YES | 3662 | 0100Z | 1900 | W9YCV |
| WIN-L | YES | 3662 | 0400Z | 2200 | K9LBU |
| XPD | NO | 3925 | 1831Z | 1231 | WA9YVC |
| NWTN | YES | .34/.94 | 0030Z | 1830 | N9BDL |
| WCWTN | YES | .31/.91 | 0030Z | 1830 | N9AUG |
| GR.BAY | NO | .72/.12 | THU 0245Z | 2045 WED | WB9NRK |

NORTH WOODS TRAFFIC NET (NWTN)

Le Andreas, N9BDL, NM
Rt. 1, 7600 Hwy. D East
Lake Tomahawk, WI 54539

The first order of business is to commend Larry, N9AUG, for the fine article on starting a 2-meter traffic net. If any of you did not read his report on page 5 of the December 1983 BSSS, go back and catch that one. It is worth reading again for those of you who can't hack nets. I can't stand contests but still read about them.

Now for the main reason for submitting this column, the net report.

| Month | QNT | QTC | QTR | Sessions |
|-----------|-----|-----|------|----------|
| Nov. 1983 | 426 | 47 | 1009 | 30 |
| Dec. 1983 | 418 | 54 | 1111 | 31 |
| Jan. 1984 | 432 | 47 | 1090 | 31 |

After checking through the musty catacombs beneath the NWTN record vault, the following information was scraped up. The three-month period listed above had the lowest number of checkins and lowest total time for any such three-month period in the history of the net. On the other hand, the amount of traffic passed was the second highest on record. The data is for a five-year period. You can draw your own conclusions.

Congratulations are in order for the new Net Manager of the Wisconsin Novice Net, Paul, KA9OBP and thanks to Chuck, K79V (ex-KA9HPQ) for the good job he did while at the wheel. If any of you want a humbling experience try some QRP with Paul. I won't mention his age but you won't see him in the voting booth this fall. See, I told you it would be humbling. When I was his age, I discovered there were words in the balloons over cartoon characters in the comic books. Soon after, I learned how to read them HI. Keep up the good work Paul and thanks Chuck for all your efforts.

Another point to ponder. Why is it that you can only go half way into the woods?

73 de Lee, N9BDL, NWTN NM

Bright eyes indicate a little curiosity, black eyes indicate too much.

When a habit starts to cost money, it's called a hobby.

From THE ARRL LETTER

The ARRL filed two petitions concerning the 160-meter band on February 2. The first petition asks that power restrictions on 1900-2000 kHz be eliminated. The other requests FCC to allow F1 emissions for RTTY on 1800-2000 kHz.

The 160-meter power restrictions were created because of concern over the possibility of interference to LORAN-A radionavigation systems by Amateur operations. However, since LORAN-A operation has ceased, it is now appropriate to permit more flexibility for ham operation on this band. Therefore, the League requests that FCC remove, by Order, the power restrictions on 160-meters [FCC Section 97.61(b)(2)]

Increased Amateur use of RTTY and other teleprinter codes on the air has created the need for more F1 segments on the hf bands. The present decline in sunspot numbers is making 160-meters more attractive for favorable propagation.

The League suggests that FCC not create a particular F1 subband, but instead, allow the Amateurs to formulate their on band plans via "gentleman's agreements."

ARRL's Board of Directors will meet in Hartford March 26 and 27 for the 1984 Annual Meeting. This is your opportunity to have a say in ARRL policy. Your Director's name, address and phone number can be found on page 8 of any recent QST.

The last call sign in each group to be assigned to the ninth district as of Feb. 10, 1984 is:

| | | |
|---------|--------------------|--------|
| Group A | Amateur Extra | NA9C |
| Group B | Advanced | KD9GW |
| Group C | Technician/General | N9EJW |
| Group D | Novice | KA9RHP |

FCC 1983 yearend figures for 1983 show 411,626 individual Amateur Radio operators licensed by the Commission. This is an increase from 410,304 for yearend 1982 or 0.32%. In the same period, ARRL Full Membership in the U.S. increased by 2.5%.

If you are planning a DXpedition or vacation to a foreign country this summer, send Hq. your request for information and application for as early as possible. Regardless of existence of a reciprocal operating agreement, you do need a license or permit issued by the telecommunications authority of the host country (except for U.S. Amateurs in Canada and Canadian Amateurs in the United States). Normally, applications for permits are made through the mails, and processing times vary from one to six months! Mail your request for information and forms to ARRL Membership Services, 225 Main St., Newington, CT 06111, specifying the countries you are going to visit, and enclose an S.A.S.E.

The Norfolk, VA FCC Office collected a \$1,000 forfeiture for R.G. Church, a Richmond CBr. Church was fined after FCC engineers found that he was operating on unauthorized frequencies.

Although the Commission deleted CB licensing requirements, users are still bound by the Commission's rules and will be prosecuted for violations.

BOOKS: FRANK TALK...

A book review by John W. Frank, WB9TQG

The Radio Amateur Antenna Handbook

By William Orr and Stuart Cowan

Published by Radio Publications, Inc.

190 pages (paperback) \$6.95

One of the most enjoyable things about almost anything written by Bill Orr is that the reader doesn't need four semesters of college calculus and a professional engineer's license to understand it. The Radio Amateur Antenna Handbook packs a great deal of information about a variety of antennas into ten easily understood chapters.

Towers, baluns, verticals, beams, dipoles, slopers, quads and the inverted V are all described with a minimum of theory and a lot of practical information. The "truth table" of antenna gain in chapter three cuts through much of the advertising hype surrounding manufacturer's claims. Other chapters are equally interesting.

My only criticism of this book would be that there are no explanations of how to use the test equipment described in the first chapter. However, if you are interested in learning about antennas without having to put up with two foot long math equations, The Radio Amateur Antenna Handbook was probably written for readers like you.

John W. Frank, WB9TQG

FOR SALE: Hallicrafters FPM-300 Transceiver, 180 Watts. Package deal - includes Dentron 80-10 long wire tuner, MFJ electronic keyer, MFJ CW filter, SWR power meter, headphones. \$400.00 takes all. Ed Statz, WD9ESJ, Baraboo, Wisconsin. Phone (608) 522-4960

WE GET LETTERS

Dear Jim:

Just a short note to express my thanks for the latest "Smoke Signals," an outstanding comprehensive issue.

Keep up the good work. 73,

John F. Lindholm, W1XX

ARRL Communications Manager

Dear Jim:

I really enjoy your publication, and now that I'm a Public Information Assistant for Wausau, I look forward to contributing to it.

Thanks a lot and 73!

Ken Van De Zande, N9CPC

HOW'S YOUR CW IQ?

- 1) At 13 words per minute, a dot is ----- seconds long.
- 2) The spacing between parts of a letter should be ----- seconds long.
- 3) The spacing between letters should be ----- seconds long.
- 4) The spacing between words should be ----- seconds long.
- 5) A dash is ----- seconds in duration.
- 6) The world's record for copying CW is ----- WPM.
- 7) The "Q" signal which means "send more slowly" is -----.
- 8) The abbreviation TMW means -----.
- 9) The holder for the world's speed record for copying CW is -----.
- 10) The receive bandwidth necessary to copy CW at 25 WPM is ----- Hertz.
- 11) The code speed requirement for Amateur Extra Class License is ----- WPM.
- 12) The "Q" signal QLF means "-----."

Questions 1-5 are assuming a speed of 13 WPM. When this IQ test is complete please send it back to the "Official Brass Pounder". A summary of the replies (along with the correct answers) will appear in a future issue of BSSS.

Official Brass Pounder

Paul Amend, KA9OBP

547 East Albert St.

Portage, WI 53901

(Quiz was in 1962 QST in advertisement for Hallicrafters. It's been modified somewhat by me.)

KA9OBP, NM Wisconsin Novice Net.

A newspaper column recently pointed out that one of every four people in this country is mentally unbalanced.

It that's right, a great number of Americans are in trouble. Think of three close friends. If all three seem to be fairly normal, where does that leave you?

--Belleville Recorder.

Marriage teaches us loyalty, self restraint, forbearance and a lot of other qualities we wouldn't need if we had stayed single.

--Elkhorn Independent.

Here's an oldie. "If athletes get athlete's foot, what do astronauts get?"

"Missile toes."

--Chetek Alert

YELLOW THUNDER AMATEUR RADIO CLUB

The February 14th meeting of the Yellow Thunder Amateur Radio Club was held in room 34 of the Baraboo Civic Center. President Art Kleefisch, W9WSS called the meeting to order at 7:30 p.m. Since the Secretary, K9ZZ was not able to be present, he appointed Ken Ebnetter, K9EN, as acting Secretary for the meeting.

The following members and guests were present.

Ken Ebnetter, K9EN, Portage
 Jim Decker, WB9UQT, Baraboo
 Harry Mayland, K9FFT, Baraboo
 Ken Johnson, K9DZG, Mazomanie
 Bob King, KA9BNY, Baraboo
 Paul Amend, KA9DBP, Portage
 Duane Grotphorst, KA9KHL, Sauk City
 Art Kleefisch, W9WSS, Baraboo
 Peter Sweeney, WD9JIB, Reedsburg
 Tom Luck, WB9BPS, Baraboo

The minutes of the January meeting were approved as printed in Smoke Signals. The Executive Committee reported on bills. The treasurers report was read and accepted. Communications and announcements were read.

There was a general discussion of means of increasing the attendance at club meetings. Among the possible programs discussed were: RTTY, Computers, FM Transceiver servicing, county hunters, DX, MARS, Traffic handling, ARRL, and weak signal communications. The officers will be scheduling programs on some of these for the upcoming meetings.

President Art Kleefisch, W9WSS reported on the questionnaire that he had sent out. A few replies were turned in at the meeting, and anyone who did not, should mail theirs to Art.

The postponed election of Secretary was held. Nominations were made from the floor nominating Ken Ebnetter, K9EN and Paul Amend, KA9DBP, for the post. Balloting was conducted and the winner was K9EN. Ken will serve in the post until the end of the year.

Peter Sweeney, WD9JIB, Reedsburg was unanimously elected to membership in the club. Peter is new in this area having moved to Reedsburg from the Grafton area. Welcome to the club Peter.

The door prize (\$1.00 this month) drawing was held with the winner being Chuck Schoulton, W9BZU. Since he was not present, next months prize will be \$2.00.

Discussion of the Equipment Reserve Fund was held. The possibility of a "novice rig" for loaning to new Amateurs was considered. The possible need for liability insurance on loaned equipment was considered.

The next meeting of the YIARC will be Wed., March 14 in room 34 of the Baraboo Civic Center, in Baraboo, Wisconsin. Program to be announced. The tentative program for the April meeting will be Paul Belton, WA9CDY, on FM transceiver checking and alignment.

The meeting was adjourned by President Art Kleefisch.

Following the meeting Art presented a program on trouble shooting problems in Amateur equipment with all present participating in discussion.

Respectfully submitted: Ken Ebnetter, K9EN, Acting Secy.

SENTENCE SERMON

Heaven is a bargain, however great the cost.

No Member Birthdaze in March.

Baraboo to turn gay in July:
 Circus Days come to Baraboo July 7...

Bright, shiny and spiffy circus wagons will rumble and rattle thru the streets of urban Baraboo on Saturday, July 7, 1984, when Baraboo's Circus World Museum rolls another of its perfectly produced Circus Parades.

Ham Radio has been asked to help that perfect production along.

At an initial meeting with Museum personnel, we have been asked to provide 9 warm bodies with radios to help CWM with setup at the staging area and with the parade itself. We need volunteers!

At this point, planning both for CWM and for us is just starting. However, the more volunteers we can find, the better prepared we will be...and we will know how to allocate our worker resources.

We have been asked to be on station no later than 9:30 a.m., and the parade will roll at 12:30 p.m.

It may be that we will also be asked for communications by other committees and/or agencies, and if that happens, we'd surely like to do the job and do it well.

If I remember correctly, we had in the area of 20 total commo workers for the 1980 Baraboo Circus Street Parade.

The impression I got during our initial headbumping is that our role for CWM may be much more important this year.

People and vehicles needing passes will get them when we better know the logistics of the operation.

That's the preliminary poop. It's early yet, but the weeks and months will fly in a hurry. Please keep it in mind, and, if you can help, please contact Jim Decker, WB9UQT, P.O. Box 337, Baraboo, Wis. 53913-0337 or myself...Jim Romelfanger, Rte. 1, Box 770, North Freedom, Wis. 53951-9799.

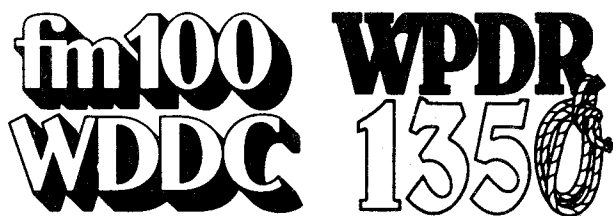
We do have two volunteers now...Jim Lackore, AD9X, and Steve Polishinski, WB9YSD. They are willing...might you be also?

P.S. Anybuddy got a spare portable repeater we can use that day? In 1980 we learned in a hurry that, when using hand-helds, a repeater would be an absolute Godsend! AAAaaaaaaalp!

K9ZZ

The MARCH YIARC MEETING will be held Wed., March 14, 1984 in room 34 of the Baraboo Civic Center. Program will be a presentation on ARMY MARS presented by Fred Becker, W9KKM.

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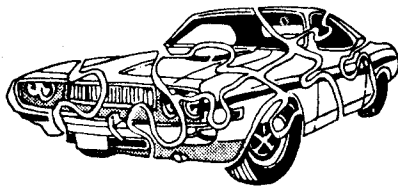
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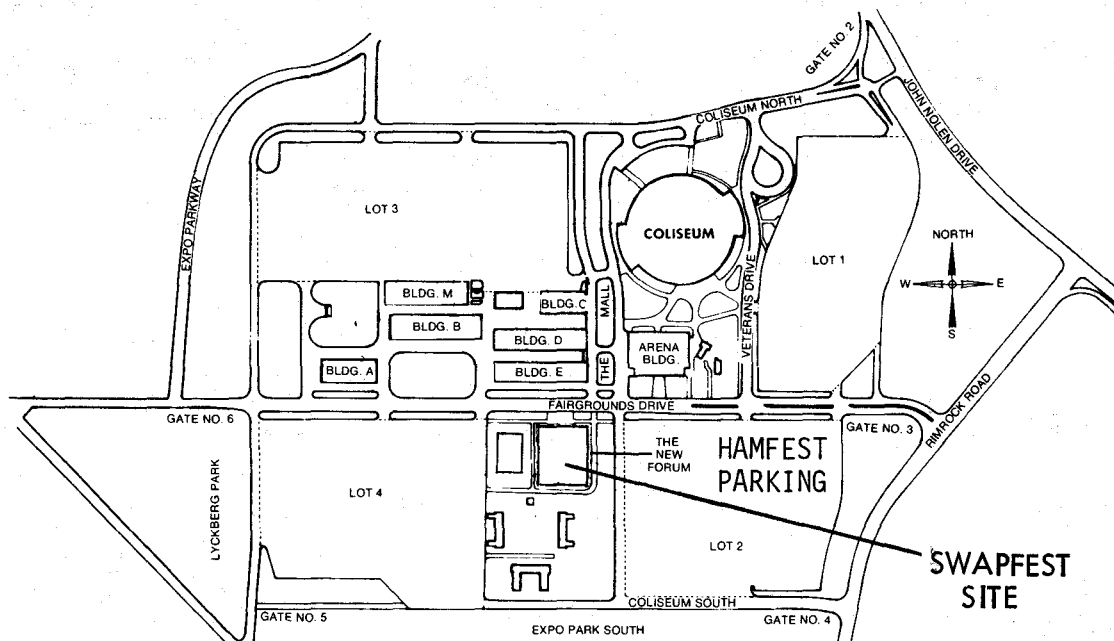
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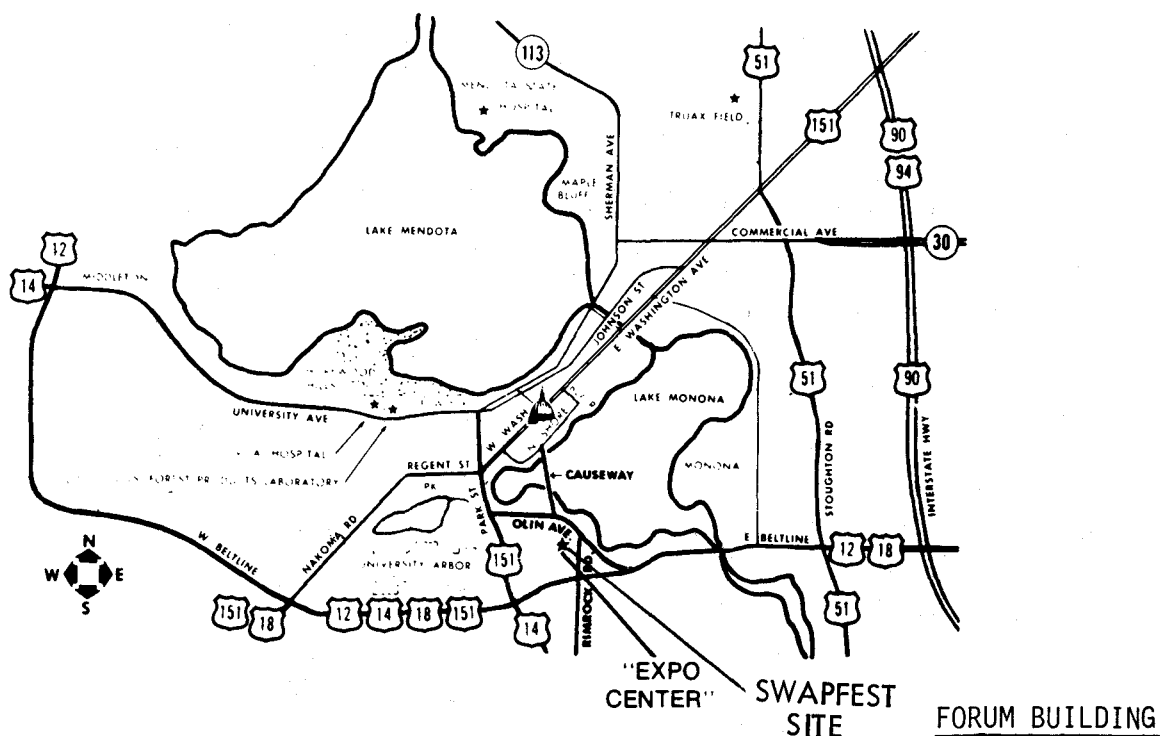
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